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Docket No.: NEL-0018
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
R. Elaine Fulton et al.

Application No.: 10/784,305

Confirmation No.: 1520

Filed: February 24, 2004

Art Unit: 1645

For: GENETIC ENGINEERING OF
STREPTAVIDIN-BINDING PEPTIDE
TAGGED SINGLE-CHAIN VARIABLE
FRAGMENT ANTIBODY TO
VENEZUELAN EQUINE ENCEPHALITIS
VIRUS

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Submitted herewith on Form PTO-1449 or PTO/SB/08 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR 1.56. Applicant respectfully requests that the listed documents be considered by the Examiner and formally be made of record in the present application and that an initialed copy of Form PTO-1449 or PTO/SB/08 be returned in accordance with MPEP §609.

- ☒ A copy of each listed document is being submitted to comply with the provisions of 37 CFR §§1.97 and 1.98

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

- ☒ 1. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits in the present application. **No fee is required** (37 C.F.R. §1.97(b)). The Patent Office is **NOT AUTHORIZED** to charge deposit account 18-0013 under 37 CFR §§ 1.97(c)(2) and 1.17(p). However, **ONLY IF** a first Office Action on the merits was mailed before filing of this Information Disclosure Statement,

please charge deposit account 18-0013 in the amount of \$180.00 for payment of the fee under 37 CFR §§ 1.97(c)(2) and 1.17(p).

Dated: June 10, 2004

Respectfully submitted,

By

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PTO/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/784,305-Conf. #1520		
		Filing Date	February 24, 2004		
		First Named Inventor	R. Elaine Fulton		
		Art Unit	1645		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	1	Attorney Docket Number	NEL-0018

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Alvi et al., "Development of a Functional Monoclonal Single-Chain Variable Fragment Antibody Against Venezuelan Equine Encephalitis Virus," Hybridoma, Vol. 18, No. 5, Pages 413-421, Mary Ann Liebert, Inc. (1999)	
	CB	Alvi et al., "Development of a Second Generation Monoclonal Single Chain Variable Fragment Antibody Against Venezuelan Equine Encephalitis Virus: Expression and Functional Analysis," Hybridoma and Hybridomics, Vol. 21, No. 3, Pages 169-178, Mary Ann Liebert, Inc. (2002)	
	CC	Alvi et al., "Functional Enhancement of a Partially Active Single-Chain Variable Fragment Antibody to Venezuelan Equine Encephalitis Virus," Viral Immunology, Vol. 16, No. 2, Pages 213-222, Mary Ann Liebert, Inc. (2003)	
	CD	Luo et al., "Expression of a Fusion Protein of scFv - Biotin Mimetic Peptide for Immunoassay," Journal of Biotechnology, Vol. 65, Pages 225-228, Elsevier Science B.V. (1998)	
	CE	George et al., "Radiometal Labeling of Recombinant Proteins by a Genetically Engineered Minimal Chelation Site: Technetium-99m Coordination by Single-Chain Fv Antibody Fusion Proteins Through a C-terminal CysteinyI Peptide," Immunology, Vol. 92, Pages 8358-8362, Proceedings of the National Academy of Science (August 1995)	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Signature		Date Considered	
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